

## ABSTRACT

The present invention refers to methods and systems for enabling paging and DRX in a hybrid cellular communication system comprising a core network (CN) and radio access network (RAN) employing different paging techniques. The core network is associated with a DRX parameter of a CN associated parameter set, which according to the invention, is mapped to a value of a RAN associated parameter set. This resulting value may then be used by the radio access network and/or a mobile station for determining a present paging period of the mobile station. Furthermore, methods of selecting DRX parameters for a mobile station in different operational modes are provided. The invention is particularly applicable to a communication system including a GERAN radio access network operating in Iu mode.